

JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE

Volume 65, No. 2, 2001

N. Ye. Kochin: 100th birthday

- A. Yu. KOLESOV and N. Kh. ROZOV: The bufferness phenomenon in distributed mechanical systems
- P. S. KRASIL 'NIKOV: The generalized method of the construction of Lyapunov functions from first integrals
- V. F. GOLUBEV: Mechanical systems with servo-constraints
- E. K. LAVROVSKII and A. M. FORMAL 'SKII: Optimal control synthesis of a double pendulum by excitation and damping
- K. V. BRUSHLINSKII: Two approaches to the stability problem for plasma equilibrium in a cylinder Yu. V. KISTOVICH and Yu. D. CHASHECHKIN: Transport of matter and force action of a two-dimensional periodic internal wave
- V. M. KOROVIN: Capillary instability of a viscous ferrofluid cylinder in a longitudinal magnetic field
- K. G. GARAYEV: On the optimal cooler blowing into a laminar boundary layer of a compressible gas
- L. I. FRIDMAN: General solution of elasticity theory problems and boundary value problems
- I. G. GORYACHEVA and Yu. Yu. MAKHOVSKAYA: Adhesive interaction of elastic bodies
- I. S. AKHATOV and A. M. AKHTYAMOV: Determining the type of attachment of a rod by natural frequencies of its flexural vibration
- S. V. KUZNETSOV: Subsonic Lamb waves in anisotropic layers
- I. V. AVDOSHKA and G. I. MIKHASEV: Wave packets in a thin cylindrical shell subject to non-uniform axial loading
- A. G. SOKOLOV and V. V. STRUZHANOV: On a problem of optimization of the stressed state in an elastic solid
- N. N. ROGACHEVA: The dependence of the electromechanical coupling coefficients for piezoelectric elements on electrodes location and size
- L. A. ALEKSEYEVA and B. N. KUPESOVA: Method of generalized functions in boundary value problems of coupled thermoelastodynamics
- I. V. SIMONOV: Steady-state subsonic motion of cracks and thin slits along an interface between two different anisotropic half-planes
- V. A. GORODTSOV: Finite propagation velocity of diffusion in a two-component continuous medium